

Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Mar 30, 2025

PyMOL

RRID:SCR_000305

Type: Tool

Proper Citation

PyMOL (RRID:SCR_000305)

Resource Information

URL: <http://www.pymol.org/>

Proper Citation: PyMOL (RRID:SCR_000305)

Description: A user-sponsored molecular visualization software system on an open-source foundation. The software has the capabilities to view, render, animate, export, present and develop three dimensional molecular structures.

Resource Type: software application, software resource, data visualization software, 3d visualization software, data processing software

Keywords: visualization, molecule, 3d, molecular structure visualization, molecular visualization system,

Funding:

Availability: Restricted

Resource Name: PyMOL

Resource ID: SCR_000305

Alternate IDs: nlx_156834, OMICS_03802

Alternate URLs: <https://sources.debian.org/src/pymol/>

Record Creation Time: 20220129T080200+0000

Record Last Update: 20250330T060019+0000

Ratings and Alerts

No rating or validation information has been found for PyMOL.

No alerts have been found for PyMOL.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3337 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Hwang J, et al. (2025) Structurally Oriented Classification of FOXA1 Alterations Identifies Prostate Cancers with Opposing Clinical Outcomes and Distinct Molecular and Immunologic Subtypes. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(5), 936.

Shaheer K, et al. (2024) Breast cancer cells are sensitized by piperine to radiotherapy through estrogen receptor- α mediated modulation of a key NHEJ repair protein- DNA-PK. *Phytomedicine : international journal of phytotherapy and phytopharmacology*, 122, 155126.

Frumento N, et al. (2024) Neutralizing antibodies evolve to exploit vulnerable sites in the HCV envelope glycoprotein E2 and mediate spontaneous clearance of infection. *Immunity*, 57(1), 40.

Li H, et al. (2024) Two rare variants that affect the same amino acid in CFTR have distinct responses to ivacaftor. *The Journal of physiology*, 602(2), 333.

Ogega CO, et al. (2024) Convergent evolution and targeting of diverse E2 epitopes by human broadly neutralizing antibodies are associated with HCV clearance. *Immunity*.

Mahana Y, et al. (2024) Structural evidence for protein-protein interaction between the non-canonical methyl-CpG-binding domain of SETDB proteins and C11orf46. *Structure (London, England : 1993)*, 32(3), 304.

Howard GC, et al. (2024) Ribosome subunit attrition and activation of the p53-MDM4 axis dominate the response of MLL-rearranged cancer cells to WDR5 WIN site inhibition. *eLife*, 12.

Rao S, et al. (2024) Three-step docking by WIPI2, ATG16L1, and ATG3 delivers LC3 to the phagophore. *Science advances*, 10(6), eadj8027.

Xu Y, et al. (2024) Osteosarcoma Cells Secrete CXCL14 That Activates Integrin $\alpha 11 \beta 1$ on

Fibroblasts to Form a Lung Metastatic Niche. *Cancer research*, 84(7), 994.

Thomas JR, et al. (2024) Abcg2a is the functional homolog of human ABCG2 expressed at the zebrafish blood-brain barrier. *Fluids and barriers of the CNS*, 21(1), 27.

Salvador-Garcia D, et al. (2024) A force-sensitive mutation reveals a non-canonical role for dynein in anaphase progression. *The Journal of cell biology*, 223(10).

Cairo LV, et al. (2024) Stress-dependent condensate formation regulated by the ubiquitin-related modifier Urm1. *Cell*, 187(17), 4656.

Zhang R, et al. (2024) Analysis of Tumor-Associated AXIN1 Missense Mutations Identifies Variants That Activate β -Catenin Signaling. *Cancer research*, 84(9), 1443.

Wang H, et al. (2024) The genomes of *Dahlia pinnata*, *Cosmos bipinnatus*, and *Bidens alba* in tribe Coreopsideae provide insights into polyploid evolution and inulin biosynthesis. *GigaScience*, 13.

Di JW, et al. (2024) Repositioning baloxavir marboxil as VISTA agonist that ameliorates experimental asthma. *Cell biology and toxicology*, 40(1), 12.

Cai SW, et al. (2024) POT1 recruits and regulates CST-Pol γ /primase at human telomeres. *Cell*, 187(14), 3638.

Darling S, et al. (2024) The C-terminal disordered loop domain of Apc8 unlocks APC/C mitotic activation. *Cell reports*, 43(6), 114262.

Hulin-Curtis S, et al. (2024) A targeted single mutation in influenza A virus universal epitope transforms immunogenicity and protective immunity via CD4⁺ T cell activation. *Cell reports*, 43(6), 114259.

Wright T, et al. (2024) Anti-apoptotic MCL-1 promotes long-chain fatty acid oxidation through interaction with ACSL1. *Molecular cell*.

Huffer K, et al. (2024) Conservation of the cooling agent binding pocket within the TRPM subfamily. *eLife*, 13.